

2. Andrew

Program Name: Andrew.java

Input File: andrew.dat

Andrew is simply mesmerized by one-digit natural numbers. He has spent countless hours ... hmm ... counting from one to nine. Numbers ten and greater do not impress him. He does not even think about numbers less than one (as he is a very positive person). Don't even attempt to give him a decimal number.

Andrew wants the user to input a natural number. He would like a program to list the one-digit factors of the number written in word form. Please write the program that will do just that.

Input: The first line of data will be an integer in the range [1,20] indicating the number of data sets. Each data set will contain one integer in the range [1,1000000].

Output: Each output line will contain one or more of the words {ONE, TWO, THREE, FOUR, FIVE, SIX, SEVEN, EIGHT, NINE} separated by one space. The words represent the one-digit factors. These should be written in numerical order where ONE is first and NINE is last.

Sample input:

```
5
7
100
63
42
2520
```

Sample output:

```
ONE SEVEN
ONE TWO FOUR FIVE
ONE THREE SEVEN NINE
ONE TWO THREE SIX SEVEN
ONE TWO THREE FOUR FIVE SIX SEVEN EIGHT NINE
```